

### **ABSTRACT OF THE DISCLOSURE**

Method and apparatus for adjusting acquisition assistance data received by a mobile receiver from a server is described. In one example, pseudoranges are measured from the mobile receiver to a set of satellites. Line-of-sight data is obtained with respect to the mobile receiver and the set of satellites. The pseudoranges and the line-of-sight data are processed to compute updates for an initial position associated with the acquisition assistance data and a correlator clock bias associated with the pseudoranges. The acquisition assistance data is then adjusted using the updates and the line-of-sight data.